IN THE CLAIMS

This listing of claims will replace all prior versions and listing of claims in the application. The following amendments are without prejudice and do not constitute an admission regarding the patentability of the amended subject matter and should not be so construed.

Claims 1 – 150. (Cancelled).

Claim 151. (Currently Amended) A pharmaceutical composition, comprising: about 5 mg to about 100 mg omeprazole and at least one buffering agent in an amount of about 10 mEq to about 70 mEq ~~0.05 mEq to about 5 mEq per mg of proton pump inhibitor~~, wherein:

(a) the composition is in a form of a powder for suspension that is storage stable at room temperature; and

(b) after mixing the powder with a liquid medium to form a suspension and orally administering the suspension to a group of subjects, the subjects exhibit an average plasma concentration of the omeprazole of at least about 0.1 μg/ml at any time within about 30 minutes after administration.

Claim 152. (Currently Amended) The composition of claim 151, wherein the omeprazole is omeprazole or esomeprazole or an isomer, tautomer, ~~prodrug,~~ free base, or salt thereof.

Claim 153. (Currently Amended) The composition of claim 152, wherein the omeprazole is present in the composition in an amount of about [[1]] 15 mg to about [[1000]] 80 mg.

Claim 154. (Cancelled).

Claim 155. (Cancelled).

Claim 156. (Currently Amended) The composition of claim 152, wherein the omeprazole is present in the composition in an amount of ~~about 2 mg,~~ about 5 mg, about 10 mg, about 15 mg, about 20 mg, about 25 mg, about 30 mg, about 35, about 40 mg, about 45, about 50 mg, about 55, about 60 mg, about 65 mg, about 70 mg, about 75 mg, about 80 mg, about 85 mg, about 90 mg, about 95 mg, or about 100 mg~~, about 105 mg, about 110mg, about 115 mg, about 120 mg, about 150 mg, about 200 mg, about 250 mg, or about 300 mg~~.

Claim 157. (Previously Presented) The composition of claim 151, further comprising a suspending agent.

Claim 158. (Withdrawn)

Claim 159. (Currently Amended) The composition of claim 152, wherein the omeprazole is omeprazole or esomeprazole, or an isomer, tautomer, ~~prodrug,~~ free base, or salt thereof.

Claim 160. (Previously Presented) The composition of claim 151, wherein the at least one buffering agent is selected from the group consisting of a calcium buffering agent, a magnesium buffering agent, an aluminum buffering agent, a sodium buffering agent, a bicarbonate salt of a Group IA metal, an alkaline earth metal buffering agent, an amino acid, an alkaline salt of an amino acid, and mixtures thereof.

Claim 161. (Previously Presented) The composition of claim 151, wherein the at least one buffering agent is selected from the group consisting of sodium bicarbonate, potassium bicarbonate, magnesium hydroxide, magnesium lactate, magnesium gluconate, magnesium oxide, magnesium aluminate, magnesium carbonate, magnesium silicate, magnesium citrate, aluminum hydroxide, aluminum hydroxide/magnesium carbonate, potassium carbonate, potassium citrate, aluminum hydroxide/sodium bicarbonate coprecipitate, aluminum glycinate, aluminum magnesium hydroxide, sodium citrate, sodium tartrate, sodium acetate, sodium carbonate, sodium polyphosphate, potassium polyphosphate, sodium pyrophosphate, potassium pyrophosphate, disodium hydrogenphosphate, dipotassium hydrogenphosphate, trisodium phosphate, tripotassium phosphate, potassium metaphosphate, calcium acetate, calcium glycerophosphate, calcium hydroxide, calcium lactate, calcium carbonate, calcium gluconate, calcium bicarbonate, calcium citrate, potassium phosphate, sodium phosphate, and mixtures thereof.

Claim 162. (Cancelled)

Claim 163. (Cancelled)

Claim 164. (Cancelled)

Claim 165. (Cancelled)

Claim 166. (Cancelled)

Claim 167. (Previously Presented) The composition of claim 151, wherein the at least one buffering agent is present in the composition in a total amount of about 7 mEq to about 25 mEq.

Claim 168. (Previously Presented) The composition of claim 151, wherein the at least one buffering agent is present in the composition in a total amount of about 10 mEq.

Claim 169. (Previously Presented) The composition of claim 151, wherein the at least one buffering agent is present in the composition in a total amount of about 20 mEq.

Claim 170. (Previously Presented) The composition of claim 151, wherein the at least one buffering agent is present in the composition in a total amount of about 40 mEq.

Claims 171 – 173. (Withdrawn)

Claim 174. (Previously Presented) The composition of claim 151, wherein the at least one buffering agent comprises sodium bicarbonate.

Claim 175. (Previously Presented) The composition of claim 174 wherein the sodium bicarbonate is present in the composition in a total amount of about 250 mg to about 4000 mg.

Claim 176. (Previously Presented) The composition of claim 174 wherein the sodium bicarbonate is present in the composition in a total amount of about 1000 mg to about 1680 mg.

Claim 177. (Previously Presented) The composition of claim 174 wherein the sodium bicarbonate is present in the composition in a total amount of about 20 mEq.

Claim 178. (Previously Presented) The composition of claim 177 wherein the omeprazole is present in the composition in an amount of about 20 mg.

Claim 179. (Previously Presented) The composition of claim 177 wherein the omeprazole is present in the composition in an amount of about 40 mg.

Claim 180. (Previously Presented) The composition of claim 151, wherein the at least one buffering agent comprises magnesium hydroxide.

Claim 181. (Previously Presented) The composition of claim 180, wherein the magnesium hydroxide is present in the composition in a total amount of about 12 mEq to about 24 mEq.

Claim 182. (Previously Presented) The composition of claim 151, wherein the at least one buffering agent comprises a mixture of sodium bicarbonate and magnesium hydroxide.

Claim 183. (Previously Presented) The composition of claim 151, wherein the at least one buffering agent comprises calcium carbonate.

Claim 184. (Previously Presented) The composition of claim 151, wherein the at least one buffering agent comprises a mixture of sodium bicarbonate and calcium carbonate.

Claim 185. (Previously Presented) The composition of claim 151, wherein at least a portion of the omeprazole is micronized.

Claim 186. (Previously Presented) The composition of claim 151, wherein at least a portion of the at least one buffering agent is micronized.

Claim 187. (Previously Presented) The composition of claim 151, wherein upon mixing the powder with a liquid vehicle to form a suspension and orally administering the suspension to a group of fasted adult human subjects, the subjects exhibit an average plasma concentration of the omeprazole of at least about 0.1 μg/ml at any time within about 20 minutes after administration.

Claim 188. (Previously Presented) The composition of claim 151, wherein upon mixing the powder with a liquid vehicle to form a suspension and orally administering the suspension to a group of fasted adult human subjects, the subjects exhibit an average plasma concentration of the omeprazole of at least about 0.1 μg/ml at any time within about 15 minutes after administration.

Claim 189. (Previously Presented) The composition of claim 151, wherein upon mixing the powder with a liquid vehicle to form a suspension and orally administering the suspension to a group of fasted adult human subjects, the subjects exhibit an average plasma concentration of the omeprazole of at least about 0.1 μg/ml at any time within about 10 minutes after administration.

Claim 190. (Previously Presented) The composition of claim 151, wherein upon mixing the powder with a liquid vehicle to form a suspension and orally administering the suspension to a group of fasted adult human subjects, the subjects exhibit an average plasma concentration of

the omeprazole of at least about 0.2 μg/ml at any time within about 15 minutes after administration.

Claim 191. (Previously Presented) The composition of claim 151, wherein upon mixing the powder with a liquid vehicle to form a suspension and orally administering the suspension to a group of fasted adult human subjects, the subjects exhibit an average plasma concentration of the omeprazole of at least about 0.1 μg/ml maintained from at latest about 15 minutes after administration to at earliest about 6 hours after administration.

Claim 192. (Previously Presented) The composition of claim 151, wherein upon mixing the powder with a liquid vehicle to form a suspension and orally administering the suspension to a group of fasted adult human subjects, the subjects exhibit an average plasma concentration of the omeprazole of at least about 0.15 μg/ml maintained from at latest about 15 minutes after administration to at earliest about 1.5 hours after administration.

Claim 193. (Previously Presented) The composition of claim 151, wherein upon mixing the powder with a liquid vehicle to form a suspension and orally administering the suspension to a group of fasted adult human subjects, the subjects exhibit an average $T_{max}$ within about 1 hour after administration.

Claim 194. (Previously Presented) The composition of claim 151, wherein upon mixing the powder with a liquid vehicle to form a suspension and orally administering the suspension to a group of fasted adult human subjects, the subjects exhibit an average $T_{max}$ within about 30 minutes after administration.

Claim 195. (Previously Presented) The composition of claim 151, wherein upon mixing the powder with a liquid vehicle to form a suspension and orally administering the suspension to a group of fasted adult human subjects, the subjects exhibit an average $T_{max}$ within about 45 minutes after administration.

Claim 196. (Previously Presented) The composition of claim 151, wherein upon mixing the powder with a liquid vehicle to form a suspension and orally administering the suspension to a group of fasted adult human subjects, the subjects exhibit an average $T_{max}$ within about 15 minutes to about 45 minutes after administration.

Claim 197. (Previously Presented) The composition of claim 151, wherein upon mixing the powder with a liquid vehicle to form a suspension and orally administering the suspension to a group of fasted adult human subjects, the subjects exhibit an average $C_{max}$ of the proton pump inhibitor of about 1.0 μg/ml.

Claim 198. (Previously Presented) The composition of claim 151, wherein upon mixing the powder with a liquid vehicle to form a suspension and orally administering the suspension to a group of fasted adult human subjects, the subjects exhibit an average $C_{max}$ of the proton pump inhibitor of between about 0.5 μg/ml to about 1.7 μg/ml after administration.

Claim 199. (Previously Presented) The composition of claim 151, wherein upon mixing the powder with a liquid vehicle to form a suspension and orally administering the suspension to a group of fasted adult human subjects, the subjects exhibit an average plasma concentration of greater than about 1.0 μg/ml at any time within about 20 minutes after administration.

Claim 200. (Previously Presented) The composition of claim 151, wherein upon mixing the powder with a liquid vehicle to form a suspension and orally administering the suspension to a group of fasted adult human subjects, the subjects exhibit an average plasma concentration of greater than about 1.0 μg/ml at any time within about 40 minutes after administration.

Claim 201. (Previously Presented) The composition of claim 151, wherein upon mixing the powder with a liquid vehicle to form a suspension and orally administering the suspension to a group of fasted adult human subjects, the subjects exhibit an average $C_{max}$ of the omeprazole of between about 0.5 μg/ml and 1.7 μg/ml at any time within about 45 minutes after administration.

Claim 202. (Previously Presented) The composition of claim 151, wherein upon mixing the powder with a liquid vehicle to form a suspension and orally administering the suspension to a group of fasted adult human subjects, the subjects exhibit an average plasma concentration of the omeprazole of between about 0.3 μg/ml and 1.2 μg/ml at any time within about 10 minutes after administration.

Claim 203. (Previously Presented) The composition of claim 151, wherein upon mixing the powder with a liquid vehicle to form a suspension and orally administering the suspension to a group of fasted adult human subjects, the subjects exhibit an average plasma concentration of

the omeprazole of between about 0.5 μg/ml and about 1.6 μg/ml at any time within about 15 minutes after administration.

Claim 204. (Currently Amended) The composition of claim 151, wherein upon mixing the powder with a liquid vehicle to form a suspension and orally administering the suspension to a group of fasted adult human subjects, the subjects exhibit an average plasma concentration of the omeprazole of at least about 0.4 μg/ml at any time within about 20 minutes after administration.

Claim 205. (Previously Presented) The composition of claim 151, wherein upon mixing the powder with a liquid vehicle to form a suspension and orally administering the suspension to a group of fasted adult human subjects, the subjects exhibit an average plasma concentration of the omeprazole of between about 0.7 μg/ml and 1.2 μg/ml at any time within about 30 minutes after administration.

Claim 206. (Previously Presented) The composition of claim 151, wherein upon mixing the powder with a liquid vehicle to form a suspension and orally administering the suspension to a group of fasted adult human subjects, the average plasma concentration of the omeprazole is determined from about 15 subjects.

Claim 207. (Previously Presented) The composition of claim 151, wherein upon mixing the powder with a liquid vehicle to form a suspension and orally administering the suspension to a group of fasted adult human subjects, the average plasma concentration of the omeprazole is determined from about 15 adult human subjects and is at least about 0.4 μg/ml at any time within about 30 minutes after administration.

Claim 208. (Previously Presented) The composition of claim 151, wherein upon mixing the powder with a liquid vehicle to form a suspension and orally administering the suspension to a group of fasted adult human subjects, the average plasma concentration of omeprazole is determined from about 10 adult human subjects and is at least about 0.7 μg/ml at any time within about 30 minutes after administration.

Claim 209. (Previously Presented) The composition of claim 151, wherein upon mixing the powder with a liquid vehicle to form a suspension and orally administering the suspension to a group of fasted adult human subjects, the average plasma concentration of the omeprazole is

determined from about 10 adult human subjects and is at least about 0.4 μg/ml at any time within about 15 minutes after administration.

Claim 210. (Previously Presented) The composition of claim 151, wherein the composition comprises 40 mg of omeprazole and wherein upon mixing the powder with a liquid vehicle to form a suspension and orally administering the suspension to a group of fasted adult human subjects, the average $C_{max}$ is about 1.0 μg/ml.

Claims 211 – 272. (Withdrawn)